

## Abstract

The present invention provides a configuration for preventing each entity code stored in information recording media from being leaked. Authoring studio code (ASC) and disc manufacturer code (DMC) are encrypted without failure and the encrypted codes are stored in information recording media. The data setting location in program map table (PMT) is controlled such that these entity codes will not overlap the seed area that provides key generating information, so that, if the packet storing the program map table storing authoring studio code (ASC) and disc manufacturer code (DMC) is set to an arbitrary position in a content packet sequence, these entity codes will not overlap the seed area that is non-encrypted data, thereby preventing these entity codes from being leaked outside.